

Dunbarton
CORPORATION

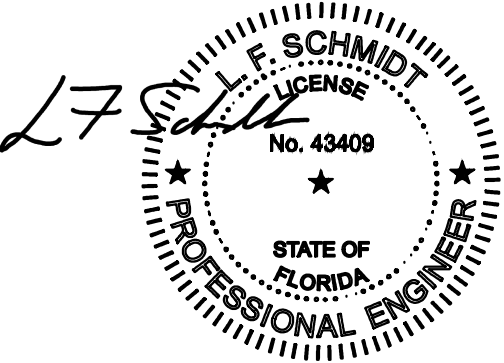
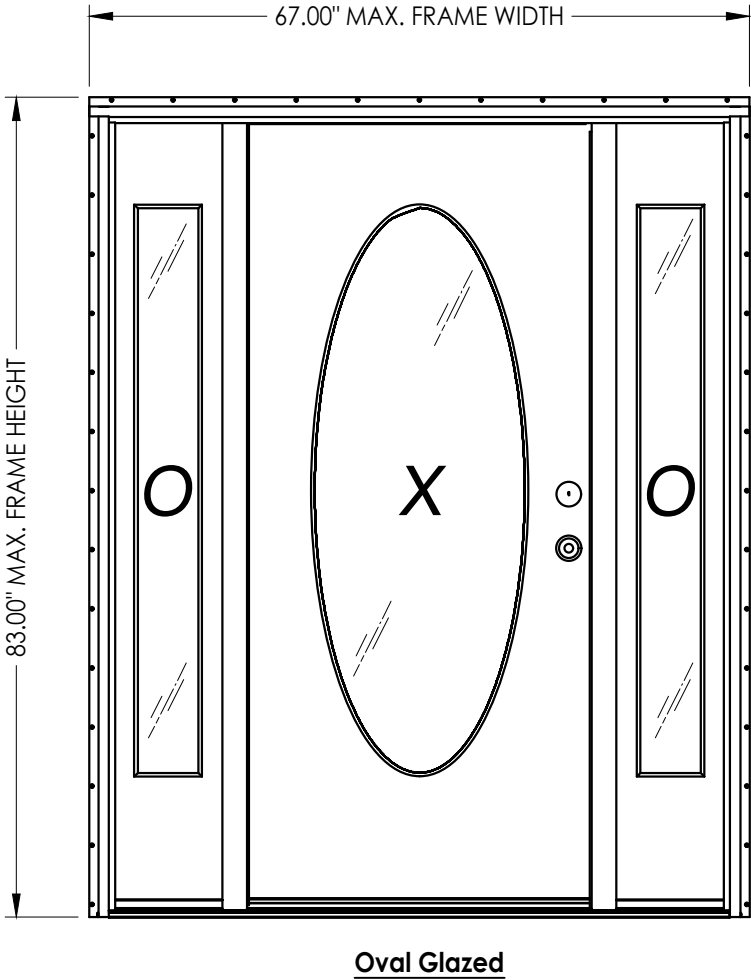
868 MURRAY ROAD, DOTHAN, AL 36303

ACHIEVER
STEEL FRAME SYSTEM
with Sidelite(s)
Utilizing a Fiberglass Door Panel
INSWING
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

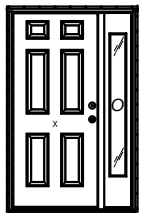
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Door panel details
4	Door panel details
5	Sidelite panel details
6	Horizontal cross section
7	Horizontal cross section
8	Vertical cross sections
9	Vertical cross sections
10	Buck anchoring
11	Frame anchoring
12	Frame anchoring
13	Bill of materials and components



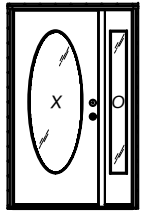
Digitally signed
by Lyndon F
Schmidt
Date:
2026.07.01
12:59:47 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

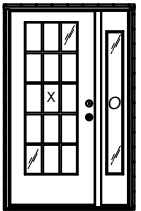
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



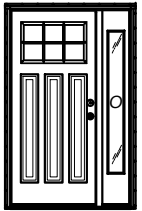
Opaque



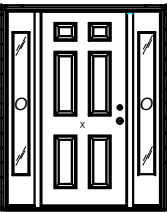
Oval Glazed



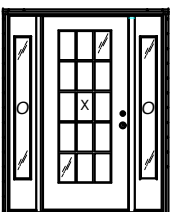
Rectangular Glazed



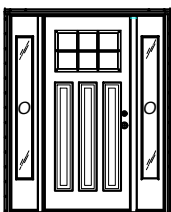
1/4 Lite Glazed



Opaque



Rectangular Glazed



1/4 Lite Glazed

DOOR TYPE	MAX. OVERALL FRAME DIMENSION	OVERALL DOOR PANEL DIMENSION	OVERALL SIDELITE DIMENSION	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
Oval Glazed	67.00" X 83.00"	35.75" X 79.00"	12.13" X 79.00"	+45.0	-50.0
Rectangular Glazed				+45.0	-50.0
1/4 Lite Glazed				+50.0	-55.0
Opaque				+56.0	-56.0

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:
DUNBARTON
ACHIEVER STEEL FRAME SYSTEM

PART OR ASSEMBLY:
TYPICAL ELEVATIONS, DESIGN
PRESSURES & GENERAL NOTES

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

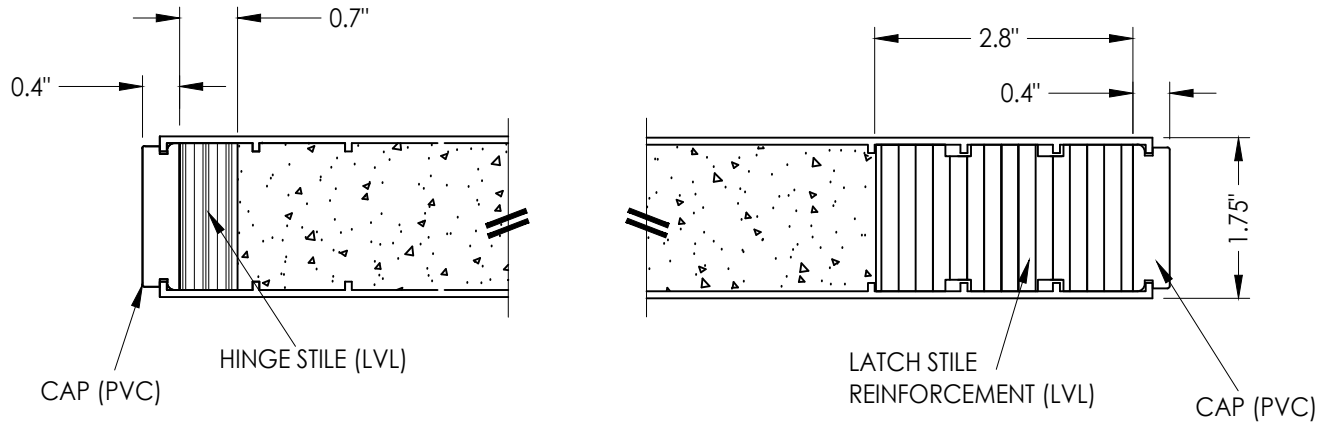
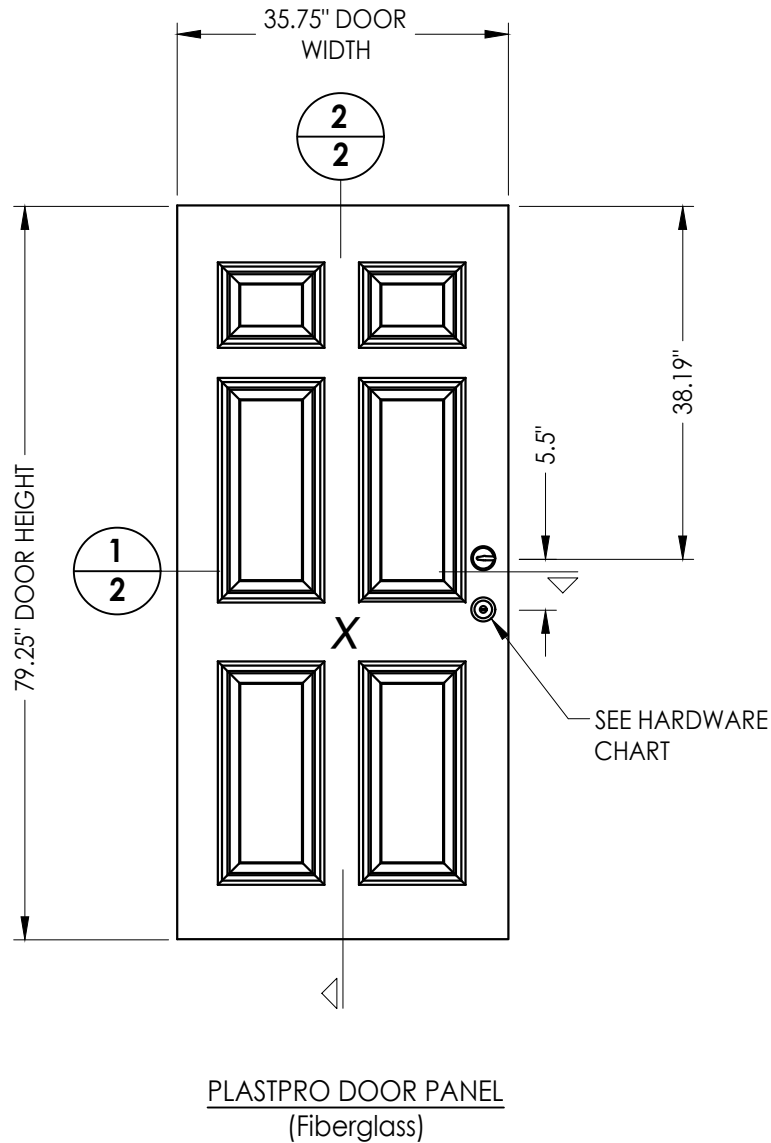
CHK. BY: LFS

DRAWING NO.: FL-15362.5

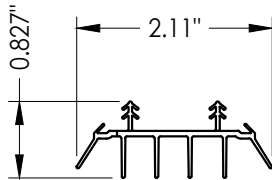
SHEET 1 OF 13

© 2012 R.W. BUILDING CONSULTANTS INC.

G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg

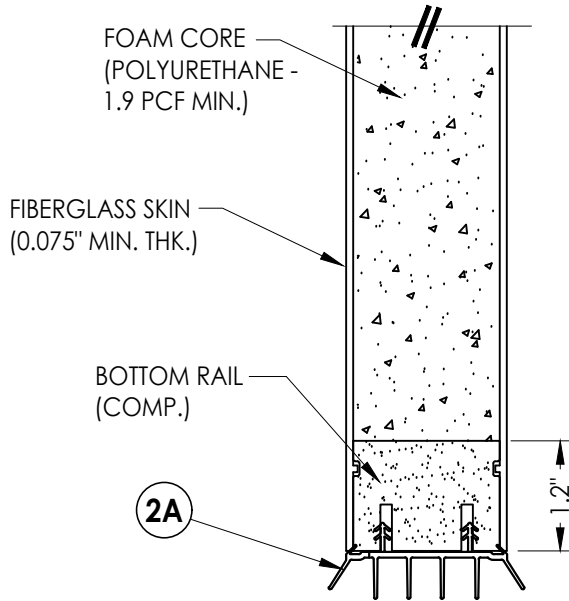
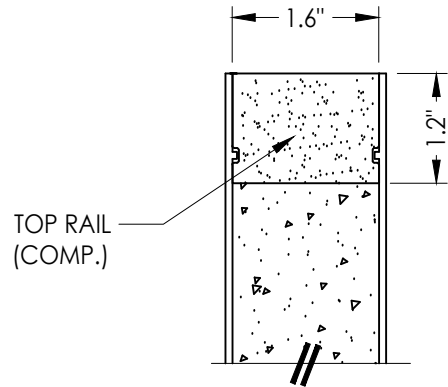


1
2 HORIZONTAL CROSS SECTION



2A DOOR SWEEP

HARDWARE TABLE		
MANUFACTURER	MODEL	
PAMEX	Knob:	FT3 SERIES
	Deadbolt:	FD2 SERIES



2
2 VERTICAL CROSS SECTION

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DUNBARTON
ACHEIVER STEEL FRAME
SYSTEM

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/11/20	UPDATE TO 7TH ED. (2020) FBC DAC
2	9/29/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	3/23/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

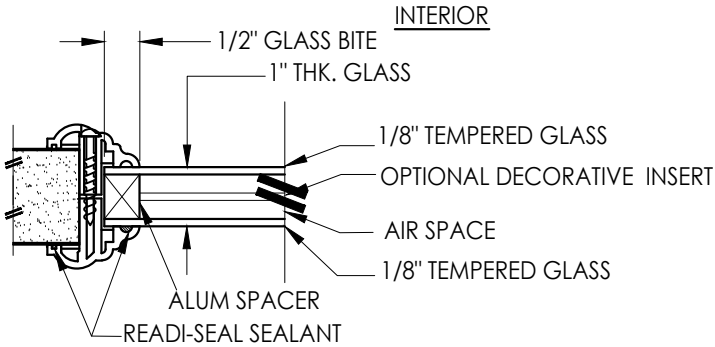
CHK. BY: LFS

DRAWING NO.:
FL-15362.5

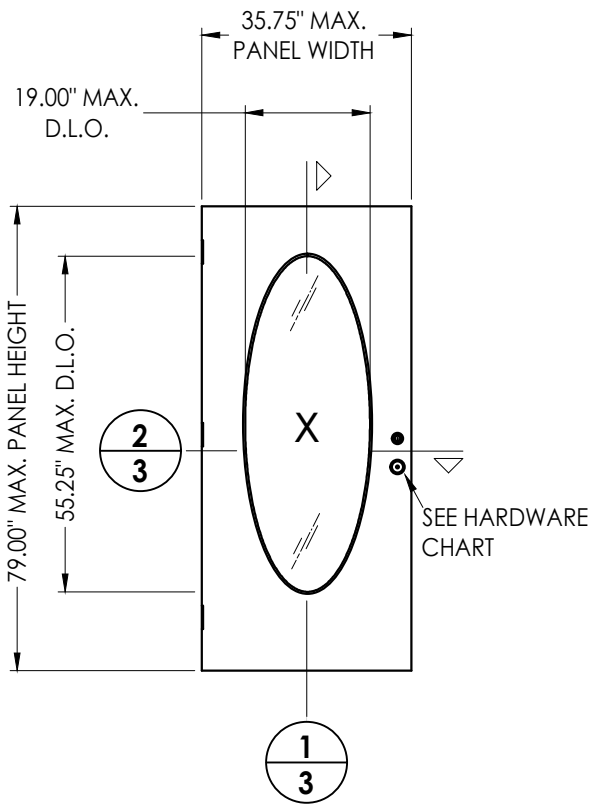
SHEET 2 OF 13

G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg

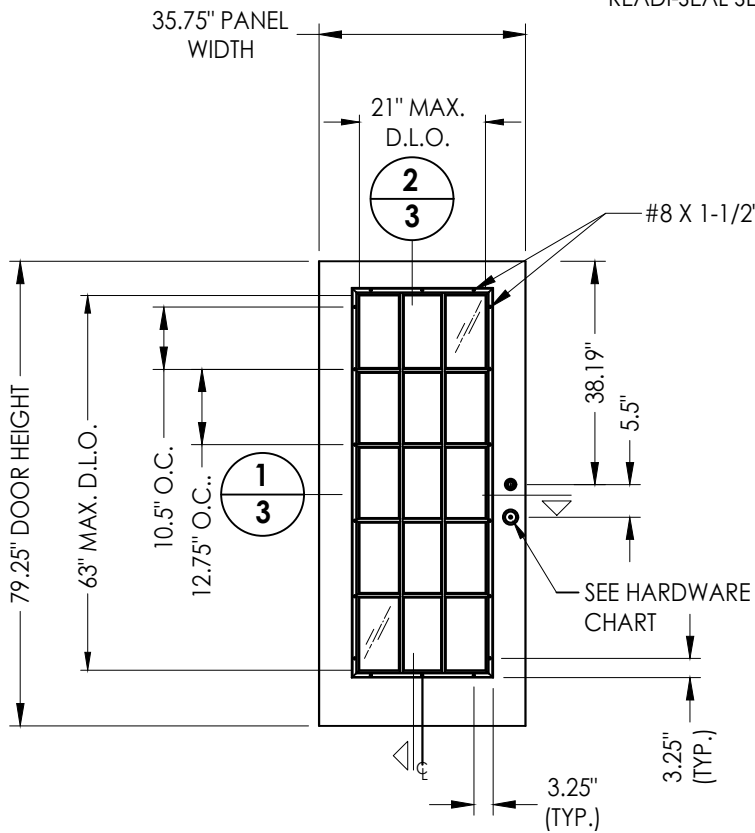
HARDWARE TABLE		
MANUFACTURER	MODEL	
PAMEX	KNOB:	FT3 SERIES
	DEADBOLT:	FD2 SERIES



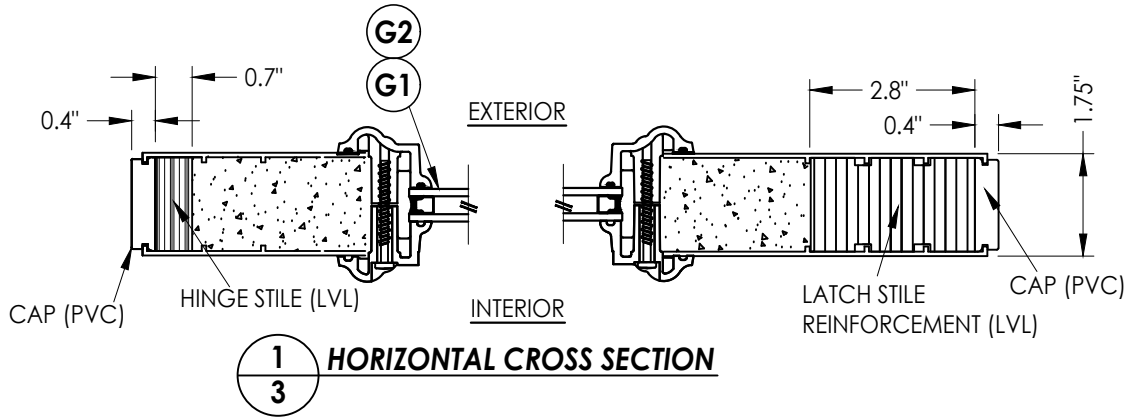
G2 **GLAZING DETAIL**
ODL HP Lite Frame



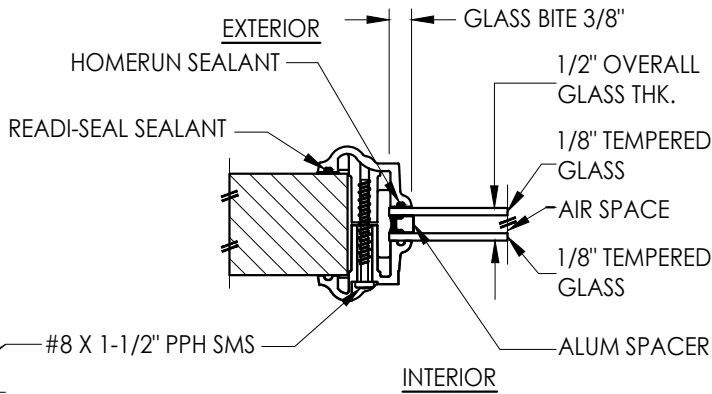
PLASTPRO FIBERGLASS DOOR PANEL
(Oval Glazed)



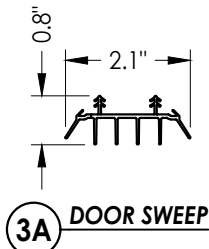
PLASTPRO FIBERGLASS DOOR PANEL
(Rectangular Glazed)



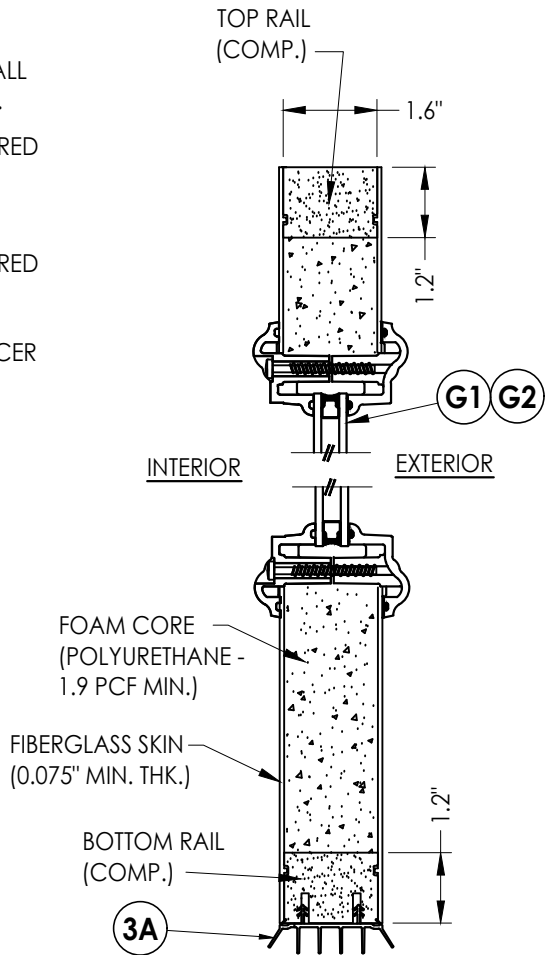
1 **HORIZONTAL CROSS SECTION**



G1 **GLAZING DETAIL**
ODL HP Lite Frame



3A **DOOR SWEEP**



2 **VERTICAL CROSS SECTION**

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DUNBARTON
ACHEIVER STEEL FRAME
SYSTEM

PART OR ASSEMBLY:
DOOR PANEL DETAILS

NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/11/20	UPDATE TO 7TH ED. (2020) FBC DAC
2	9/29/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	3/23/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 03/14/12

SCALE: N.T.S.

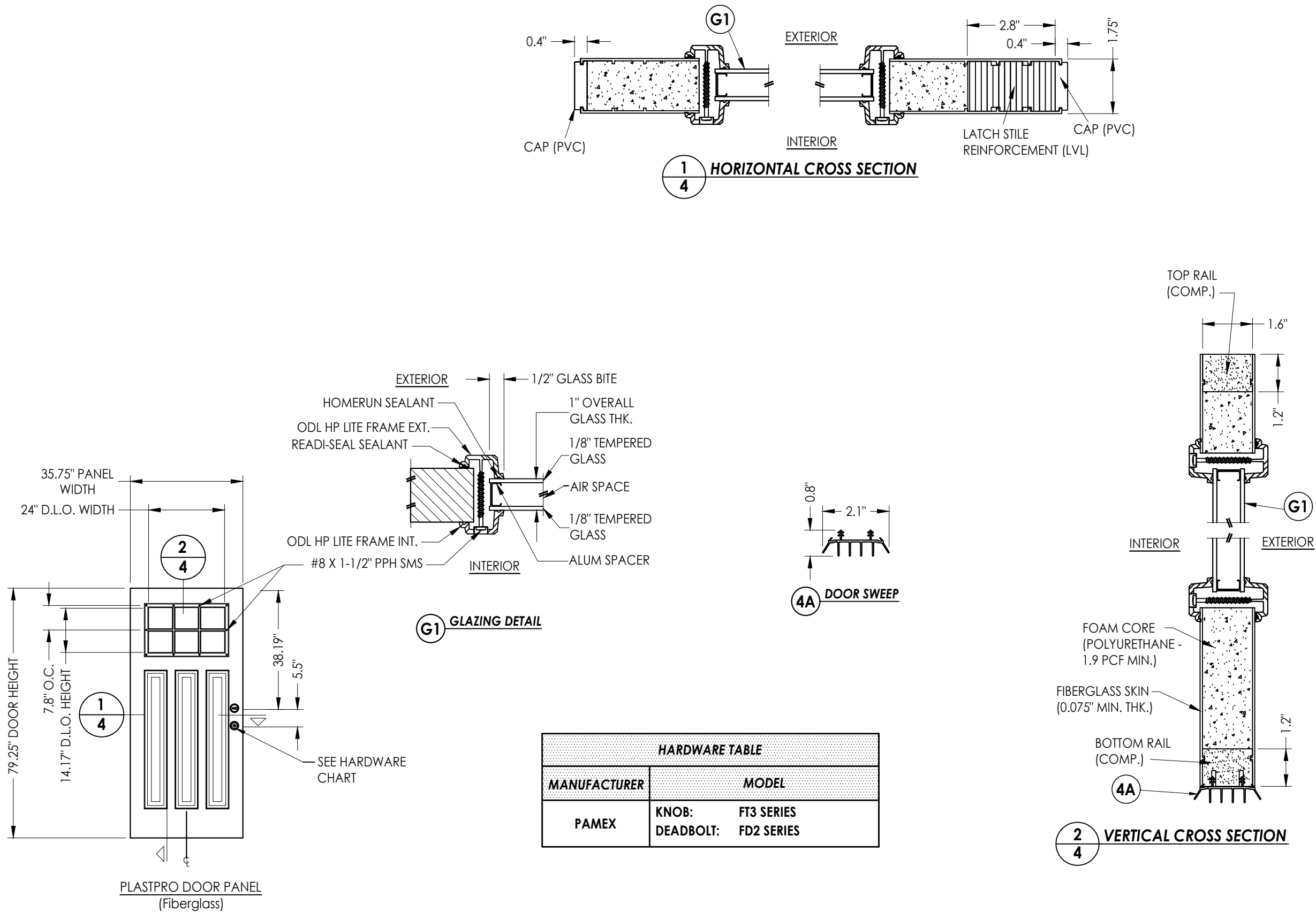
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15362.5

SHEET 3 OF 13

G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg



Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DUNBARTON
REDITUFF ACHIEVER STEEL FRAME
SYSTEM

PART OR ASSEMBLY:
DOOR PANEL DETAILS

	LFS	FBC
5	7/01/26	UPDATE TO 9TH ED. (2026)
4	7/06/23	UPDATE TO 8TH ED. (2023)
3	8/11/20	UPDATE TO 7th ED. (2020)
2	9/29/17	UPDATE TO 6TH ED. (2017)
1	3/23/15	UPDATE TO 5TH ED. (2014)
NO.	DATE	
		REVISIONS
		BY
		JK
		LFS
		DAC
		FBC
		FBC

DATE: 03/14/12

SCALE: N.T.S.

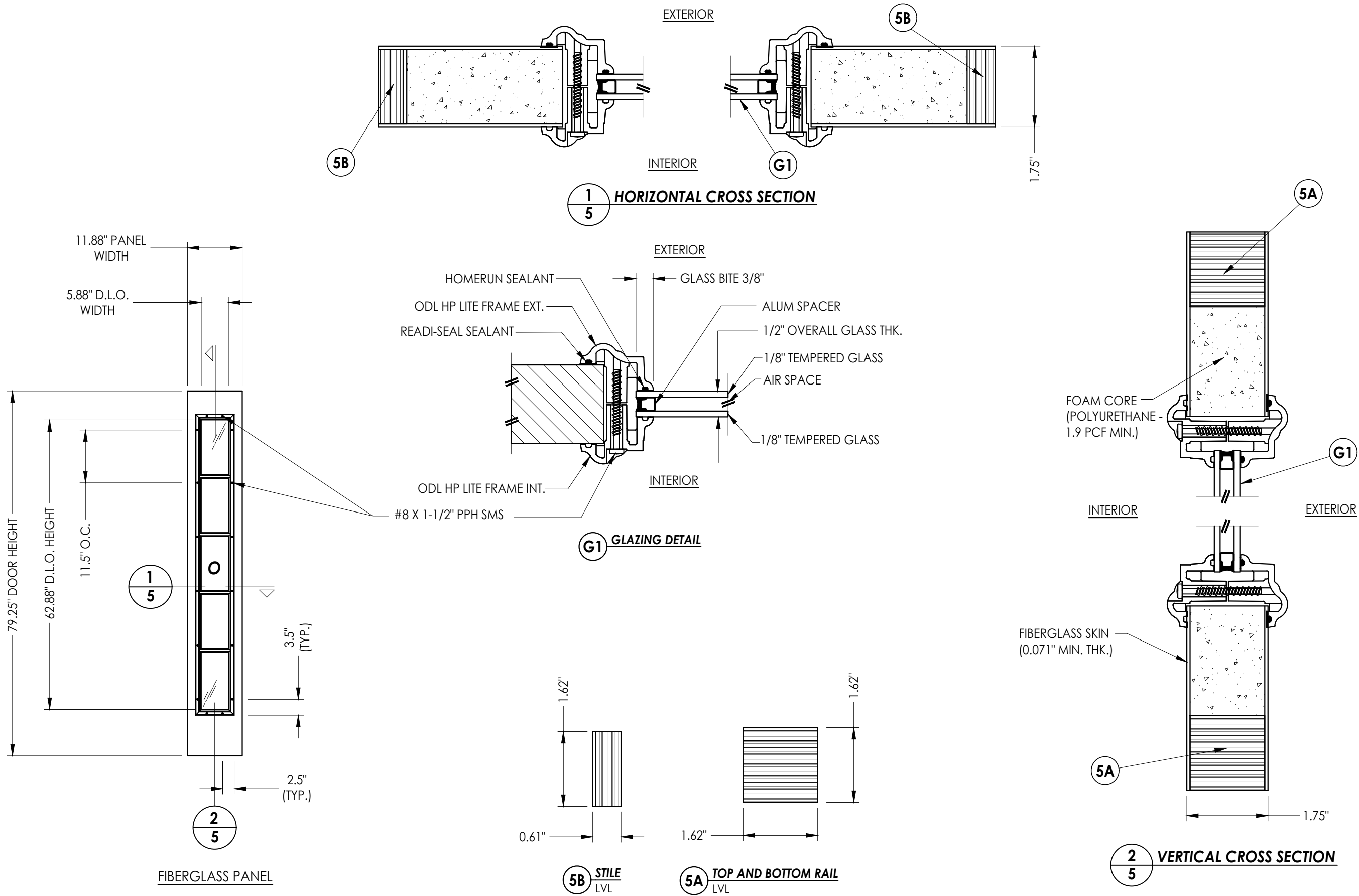
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15362.5

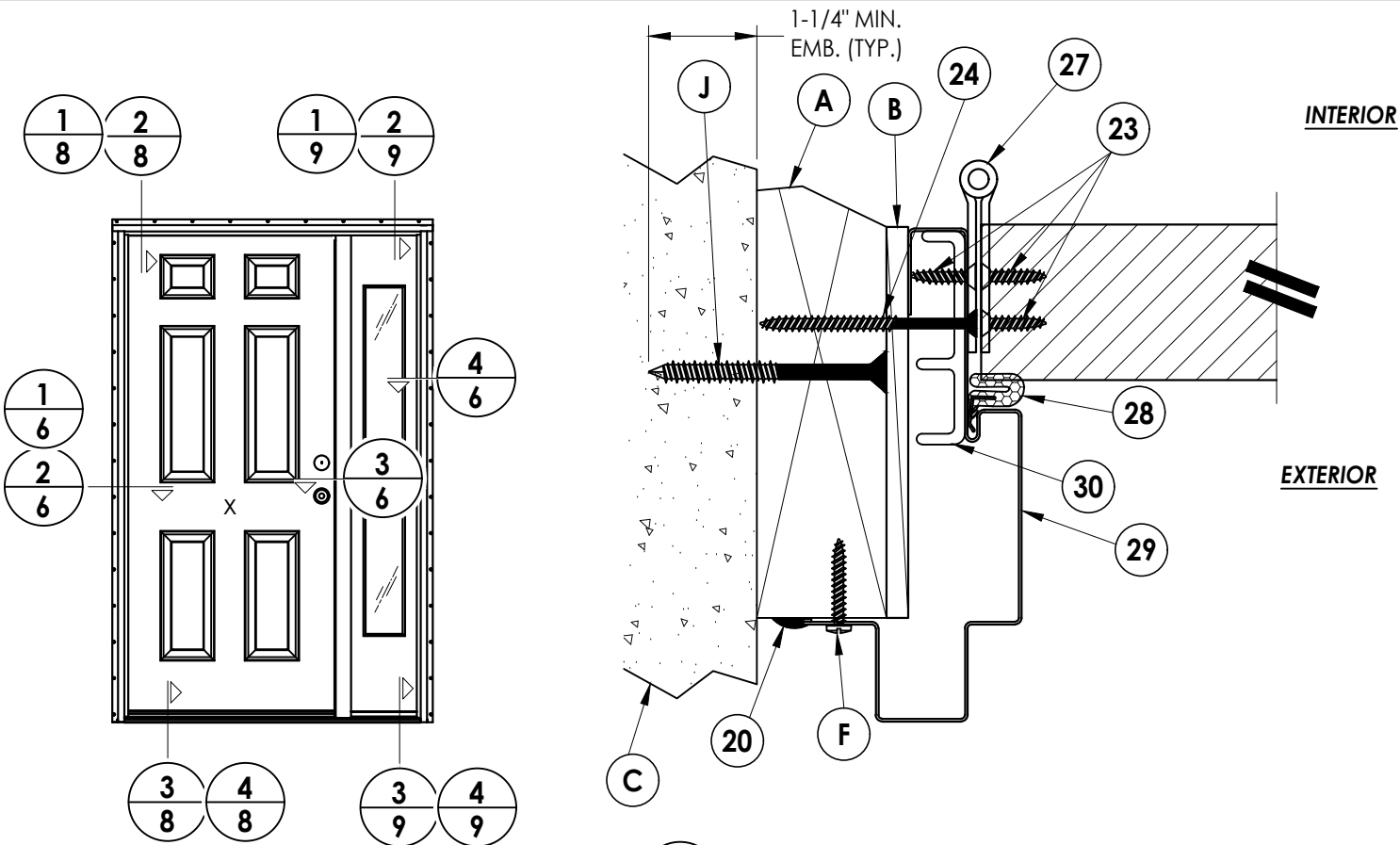
SHEET 4 OF 13

G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg

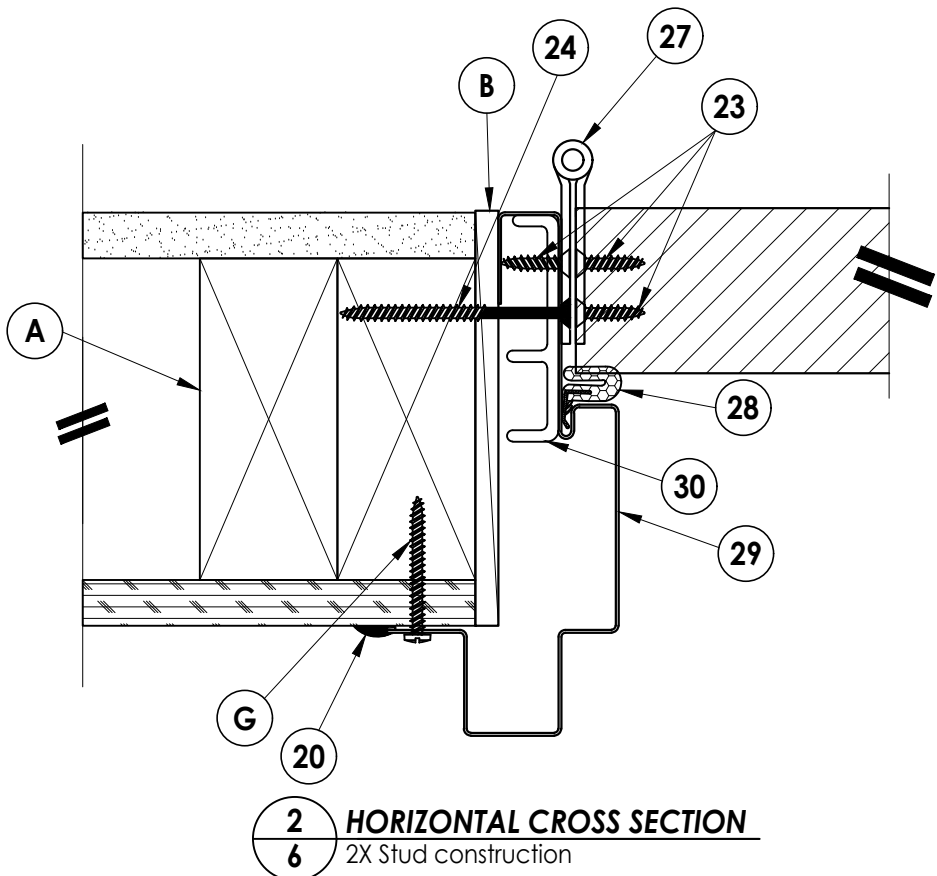


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: DUNBARTON ACHEVER STEEL FRAME SYSTEM				PART OR ASSEMBLY: SIDELITE PANEL DETAILS			
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC				
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC				
3	8/11/20	UPDATE TO 7th ED. (2020)	FBC				
2	9/29/17	UPDATE TO 6TH ED. (2017)	FBC				
1	3/23/15	UPDATE TO 5TH ED. (2014)	FBC				
NO.	DATE						
				REVISIONS			
DATE: 03/14/12							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15362.5							
SHEET 5 OF 13							

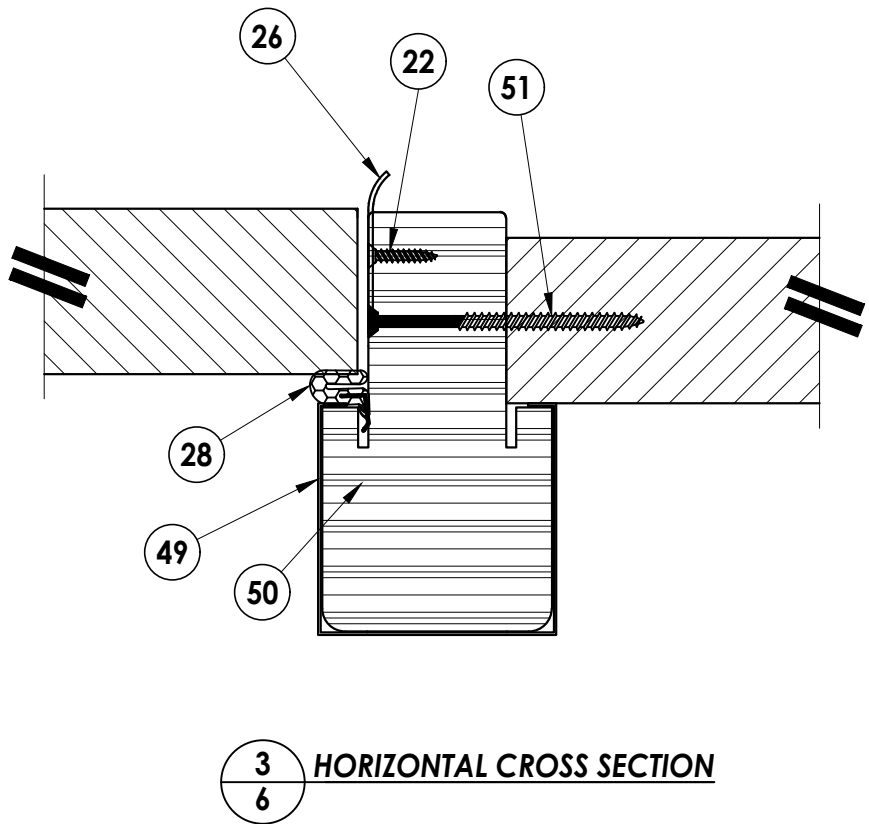
G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg



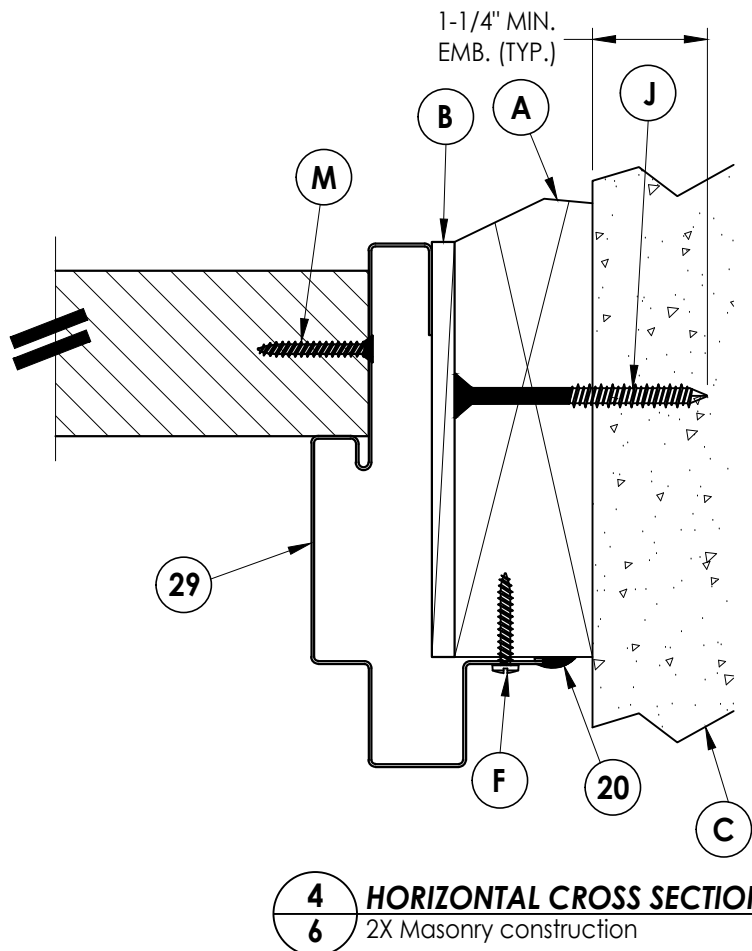
1
6 **HORIZONTAL CROSS SECTION**
2X Masonry construction



2
6 **HORIZONTAL CROSS SECTION**
2X Stud construction



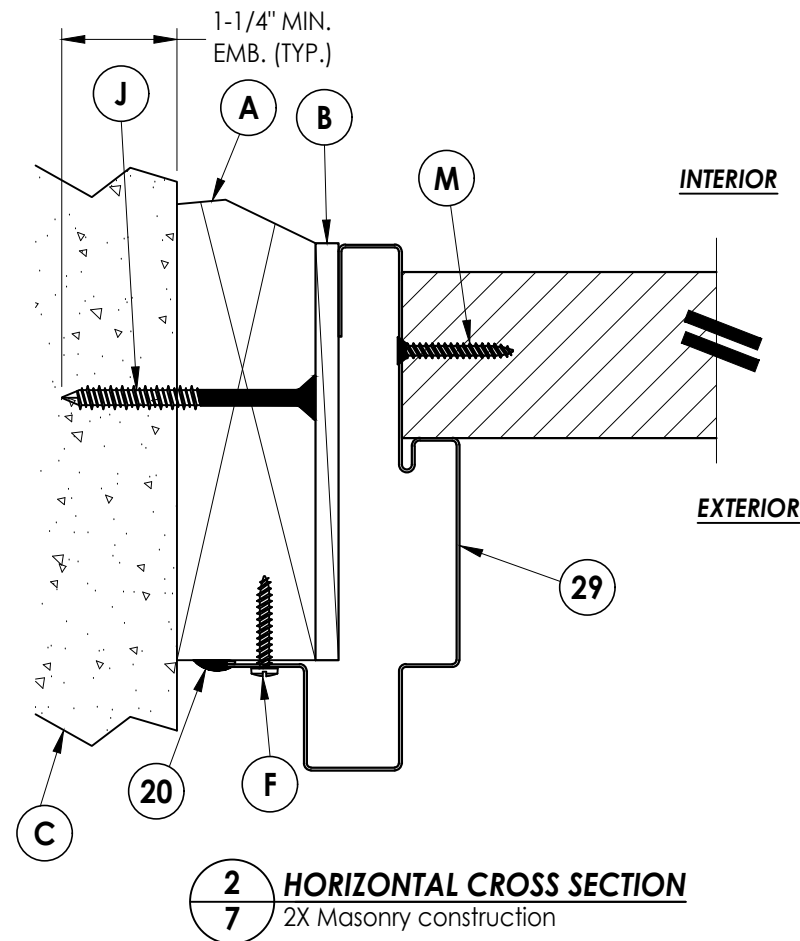
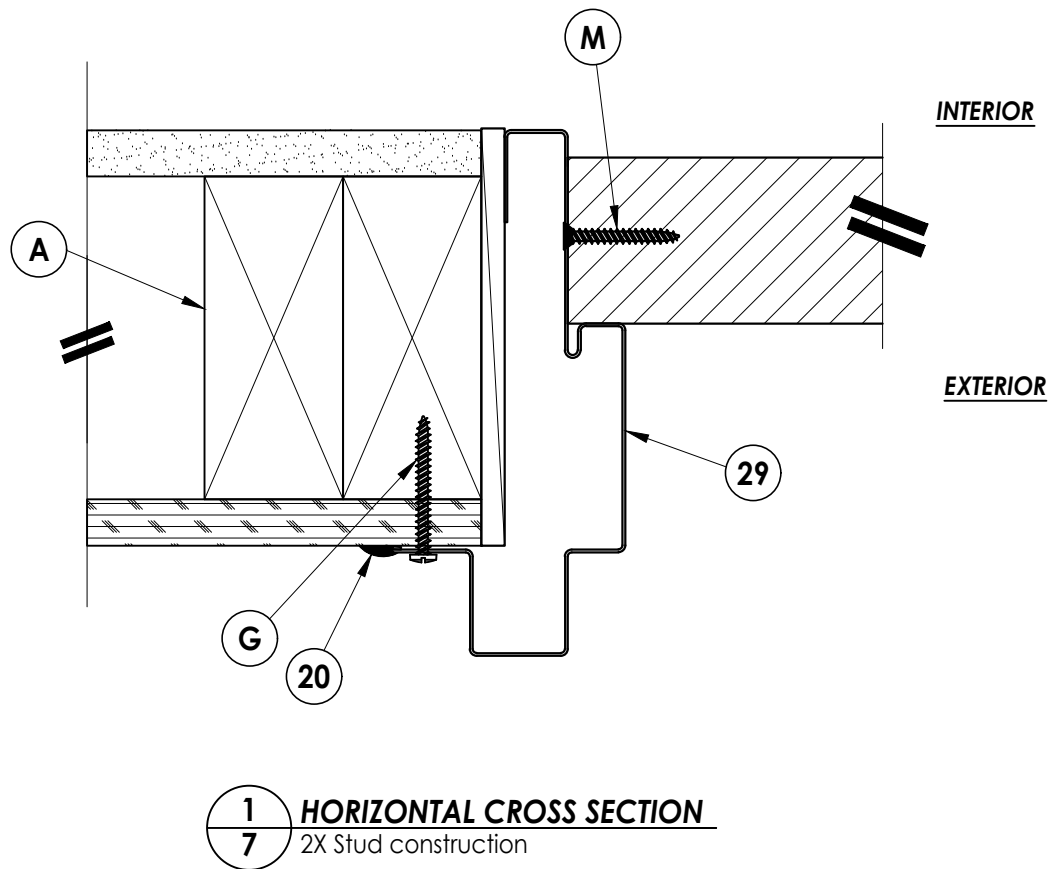
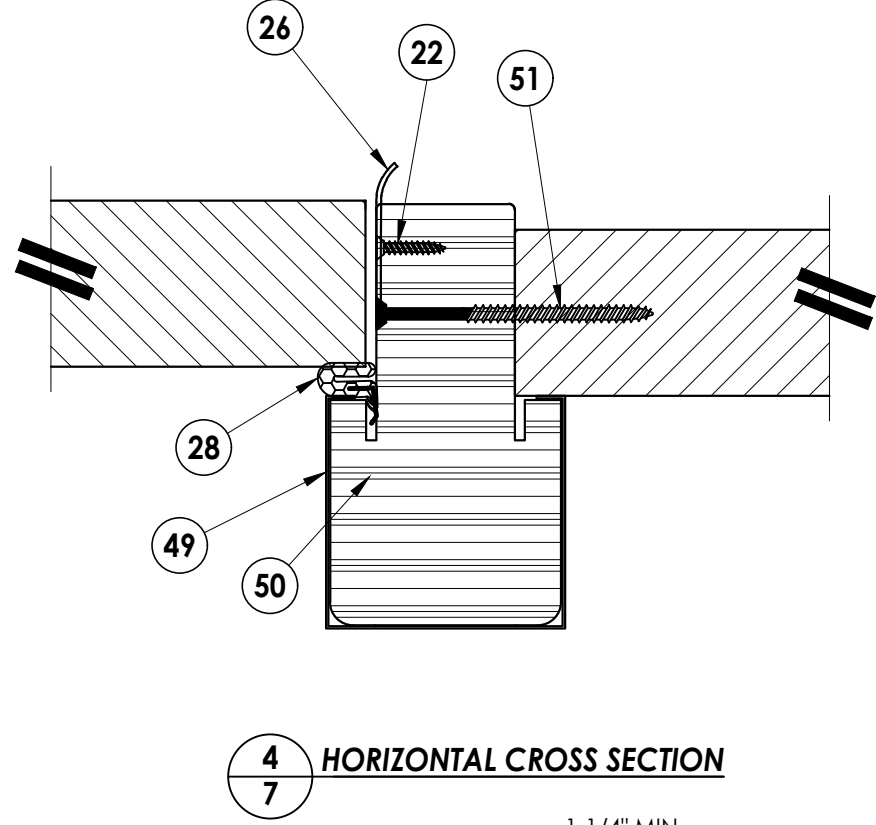
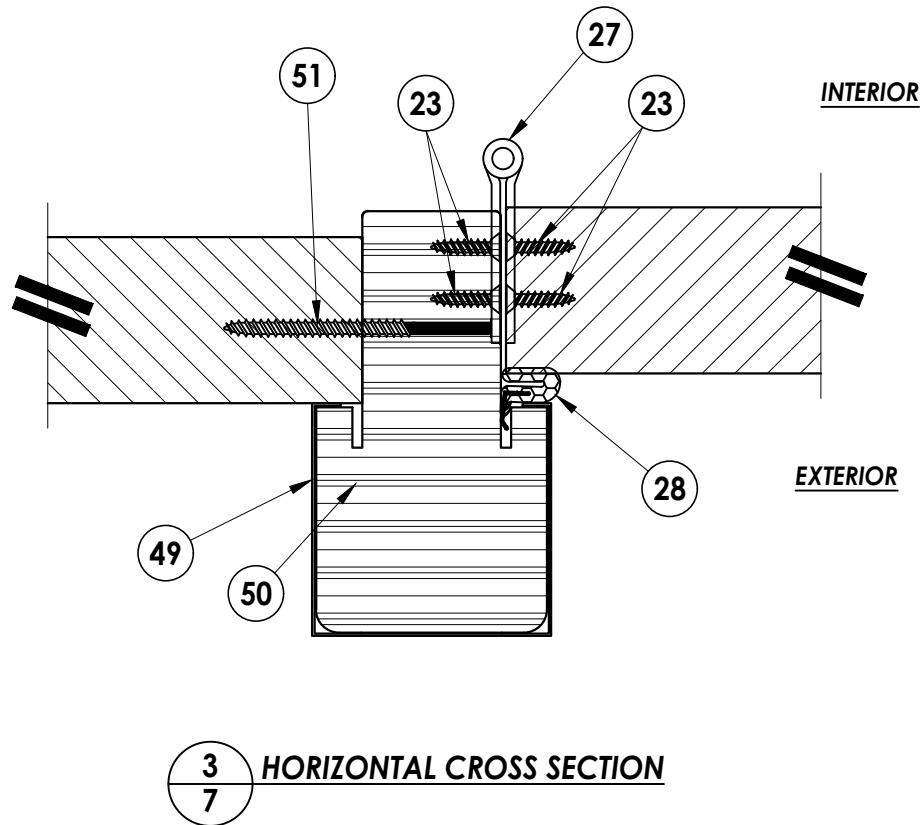
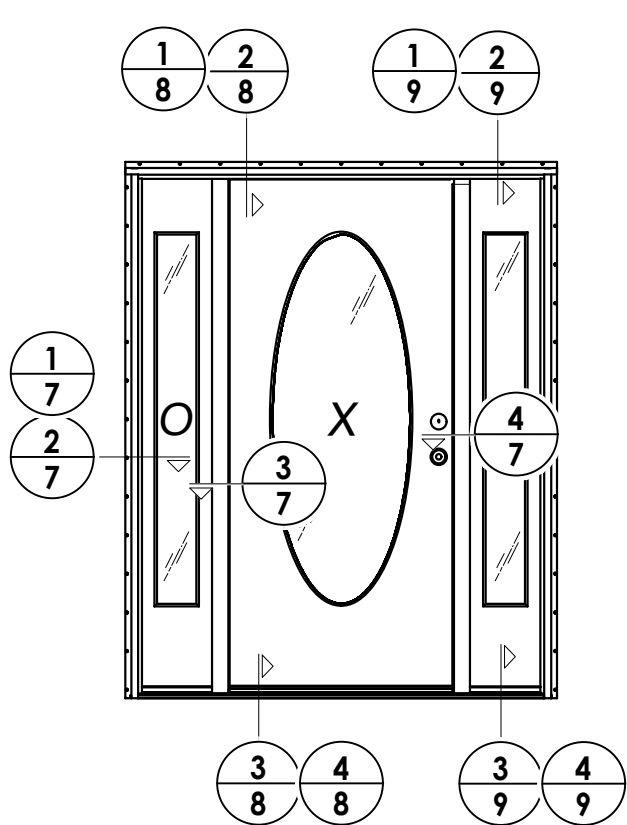
3
6 **HORIZONTAL CROSS SECTION**



4
6 **HORIZONTAL CROSS SECTION**
2X Masonry construction

PRODUCT: DUNBARTON		Documents Prepared By:	
ACHIEVER STEEL FRAME SYSTEM		Lyndon F. Schmidt	
PART OR ASSEMBLY:		P.E. No. 43409	
HORIZONTAL CROSS SECTIONS		RW BUILDING CONSULTANTS, INC.	
		P.O. Box 230, Valrico, FL 33595	
		Phone No.: 813.659.9197	
		FBPE Registry No. 9813	
</			

G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg



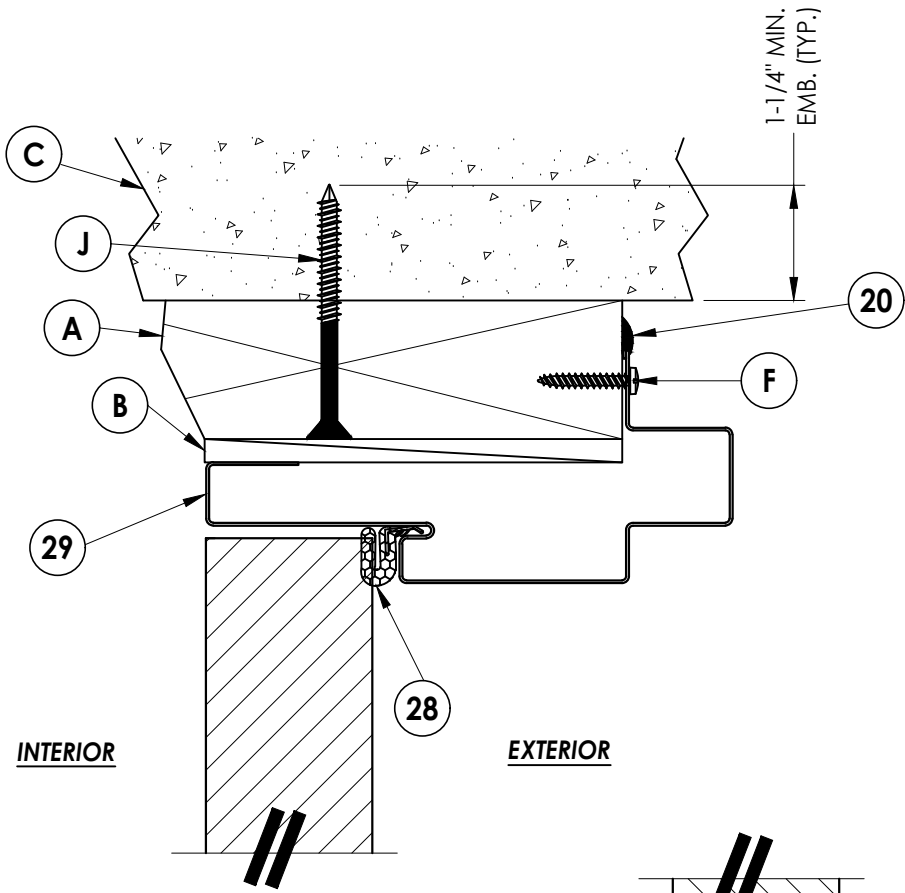
NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/11/20	UPDATE TO 7TH ED. (2020) FBC DAC
2	9/29/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	3/23/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 03/14/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15362.5
SHEET 7 OF 13

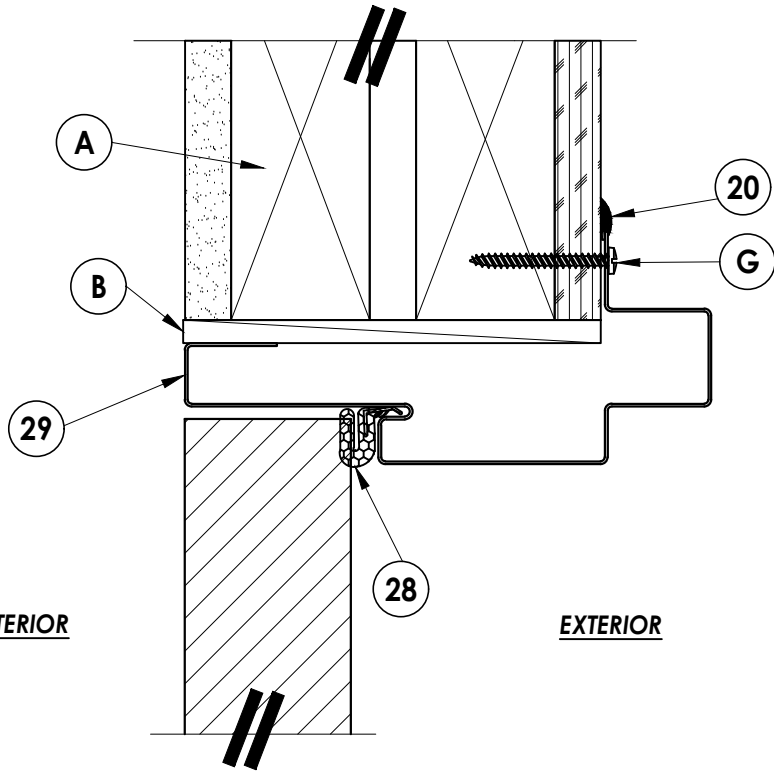
PRODUCT: DUNBARTON
ACHIEVER STEEL FRAME SYSTEM
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

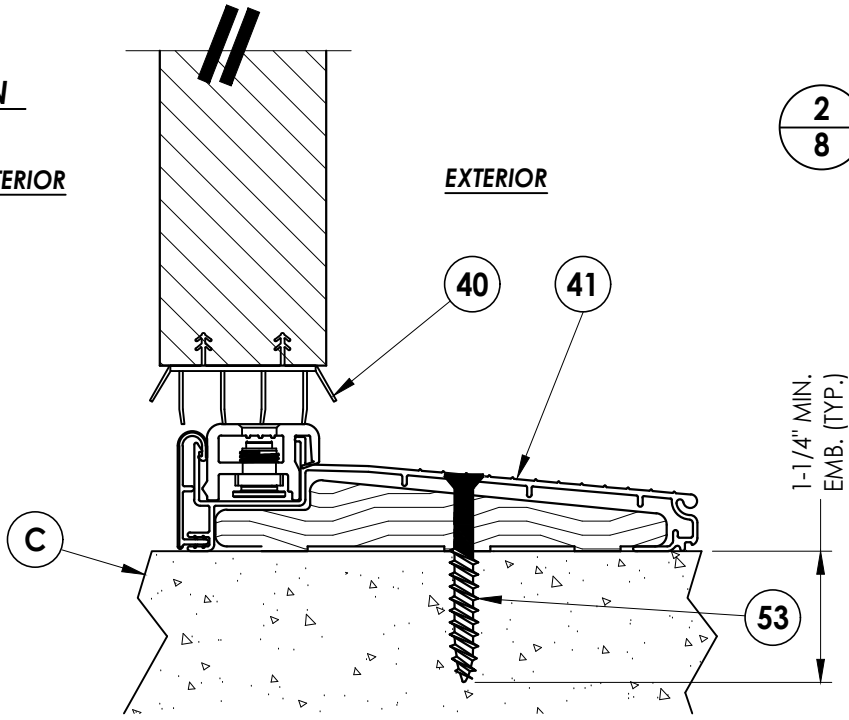
G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg



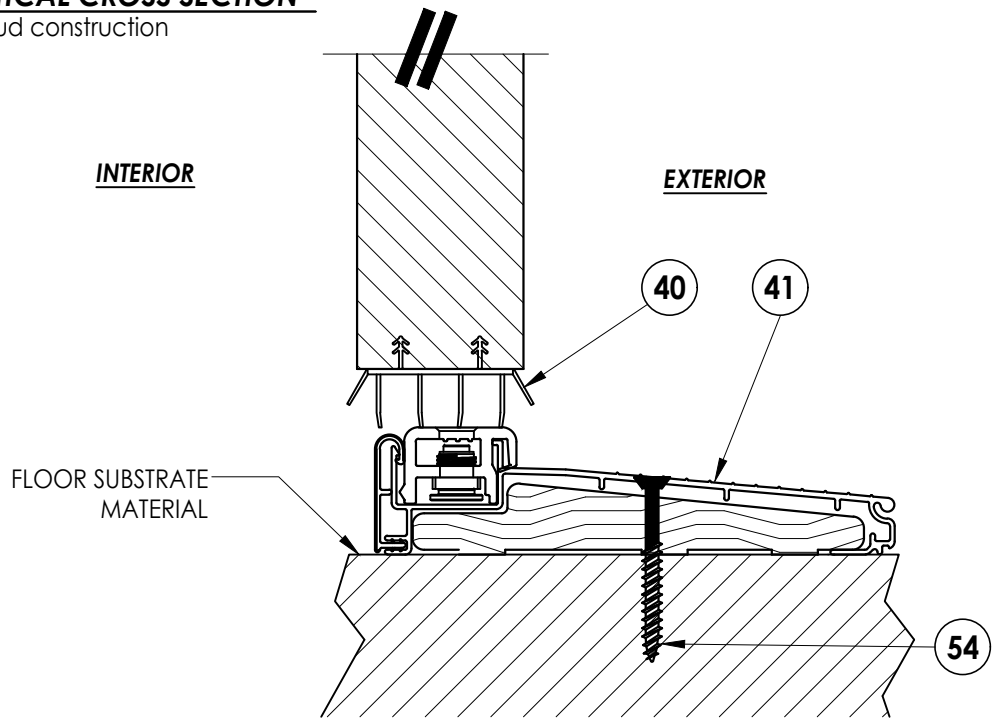
1
8 **VERTICAL CROSS SECTION**
2X Masonry construction



2
8 **VERTICAL CROSS SECTION**
2X Stud construction



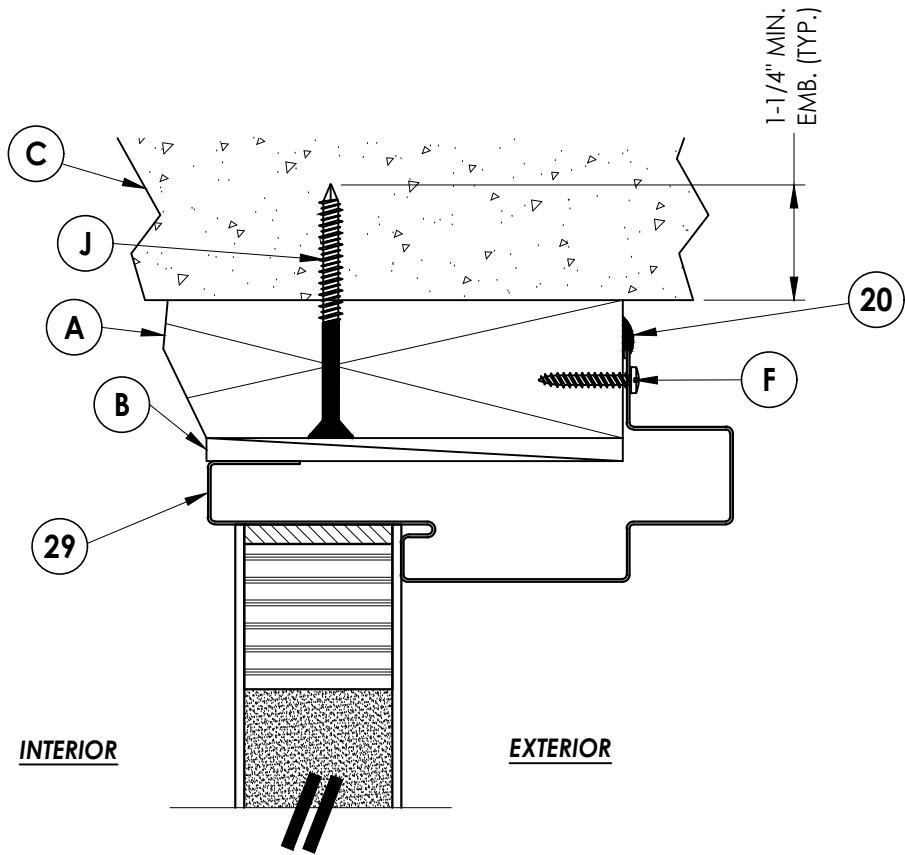
3
8 **VERTICAL CROSS SECTION**



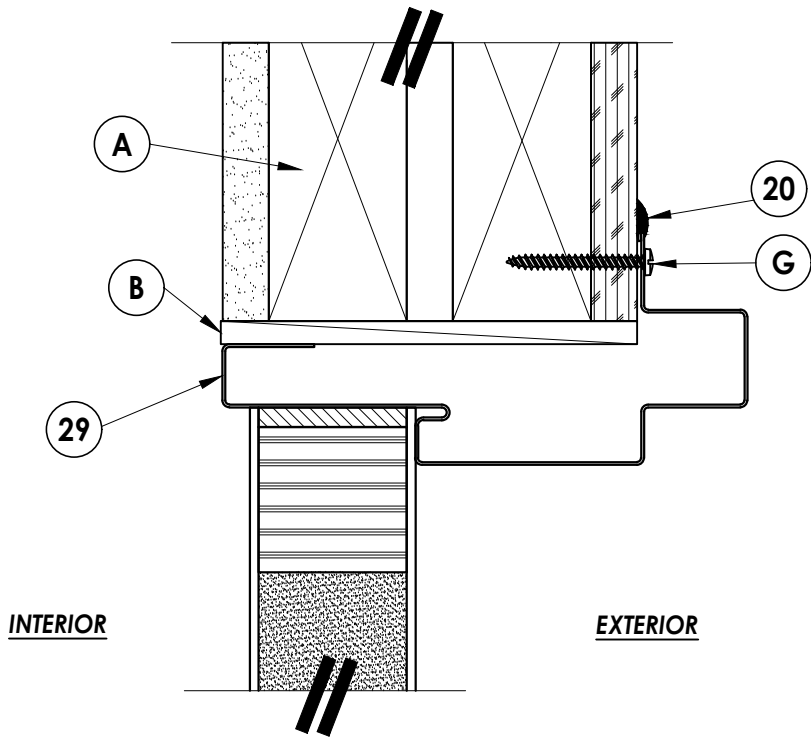
4
8 **VERTICAL CROSS SECTION**

PRODUCT: DUNBARTON ACHIEVER STEEL FRAME SYSTEM				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS				Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS											
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS											
3	8/11/20	UPDATE TO 7th ED. (2020)	FBC	DAC											
2	9/29/17	UPDATE TO 6TH ED. (2017)	FBC	LFS											
1	3/23/15	UPDATE TO 5TH ED. (2014)	FBC	JK											
NO.	DATE			BY											
REVISIONS															
DATE: 03/14/12															
SCALE: N.T.S.															
DWG. BY: JK															
CHK. BY: LFS															
DRAWING NO.: FL-15362.5															
SHEET 8 OF 13															

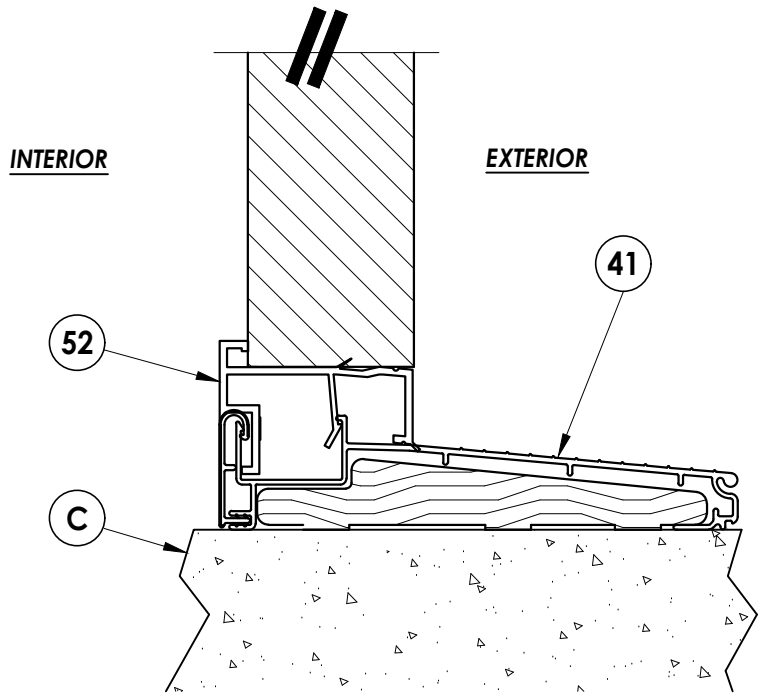
G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg



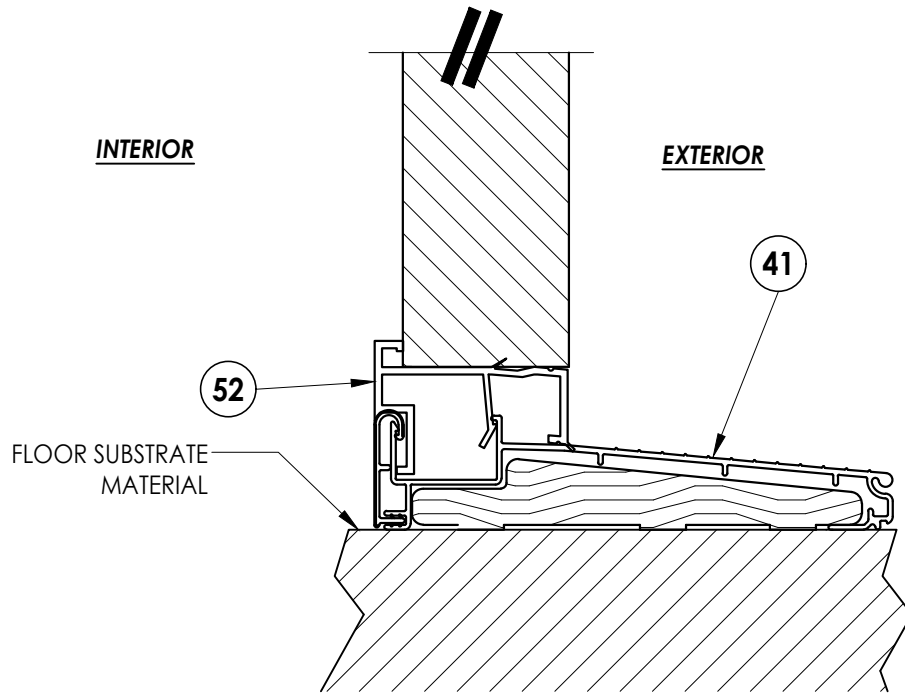
1
9 **VERTICAL CROSS SECTION**
2X Masonry construction



2
9 **VERTICAL CROSS SECTION**
2X Stud construction



3
9 **VERTICAL CROSS SECTION**



4
9 **VERTICAL CROSS SECTION**

PRODUCT: DUNBARTON
ACHIEVER STEEL FRAME SYSTEM

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC
3	8/11/20	UPDATE TO 7th ED. (2020) FBC
2	9/29/17	UPDATE TO 6TH ED. (2017) FBC
1	3/23/15	UPDATE TO 5TH ED. (2014) FBC
NO.	DATE	BY

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

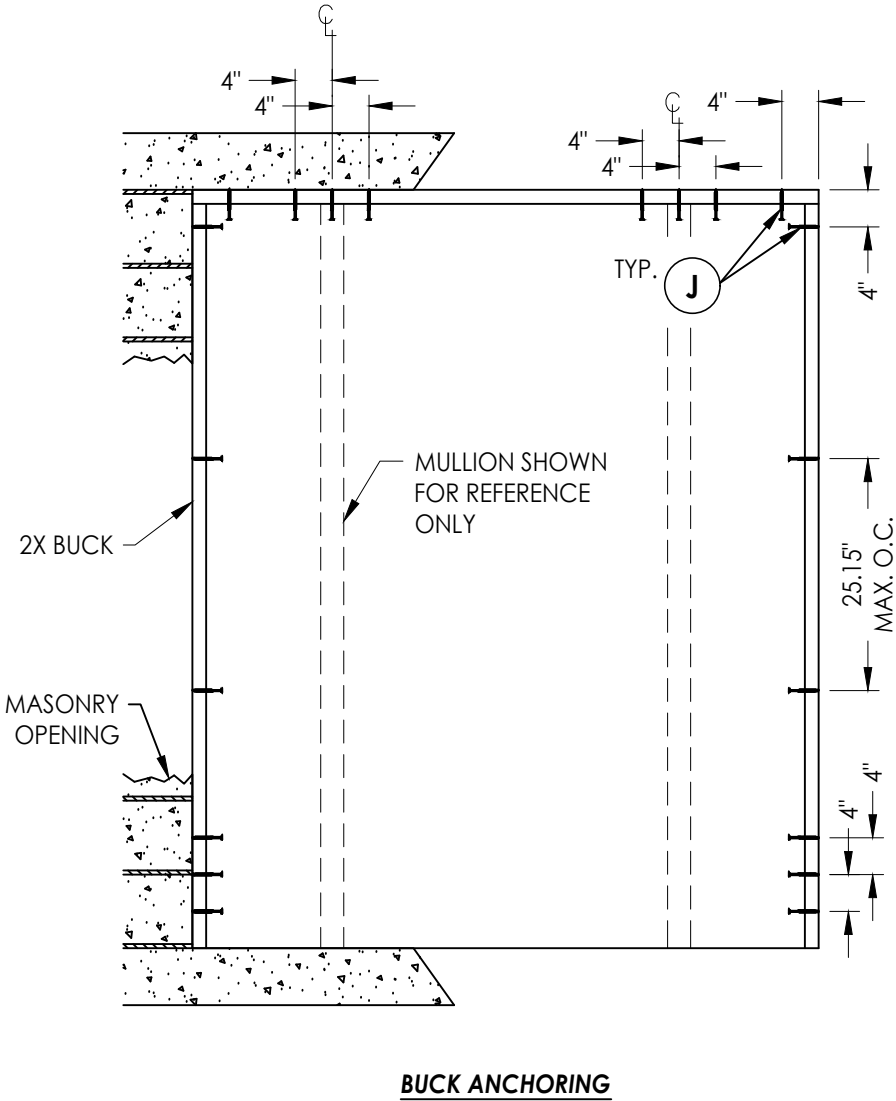
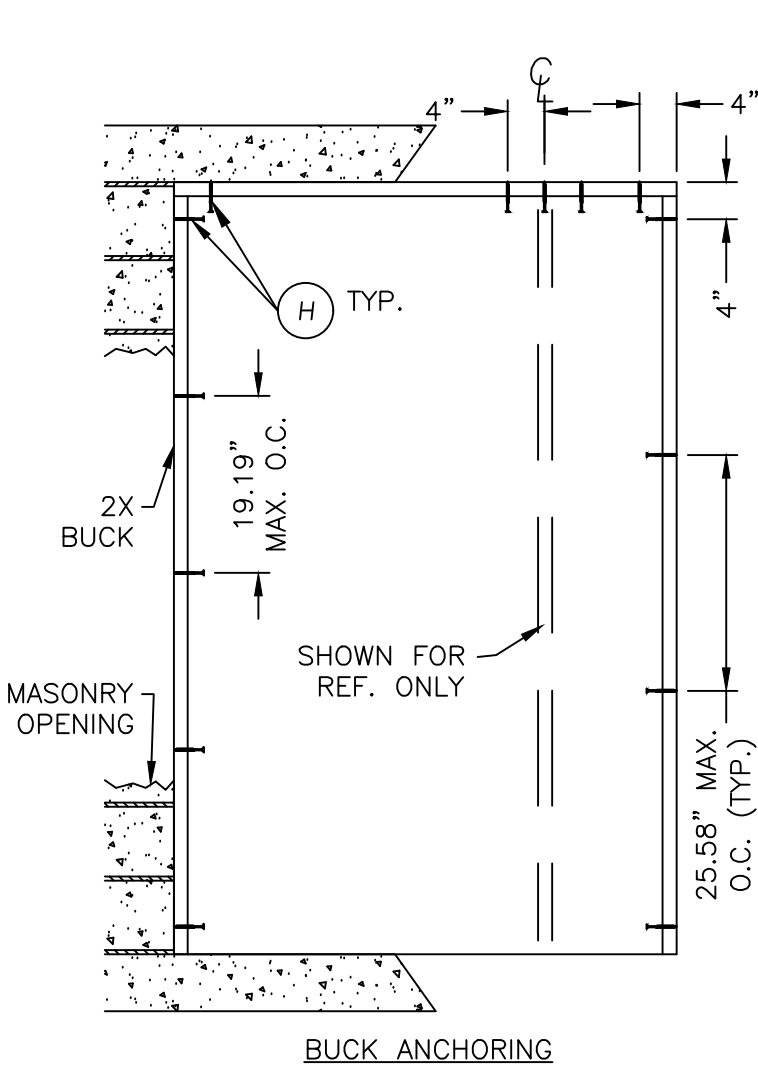
DRAWING NO.: FL-15362.5

SHEET 9 of 13

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg



CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

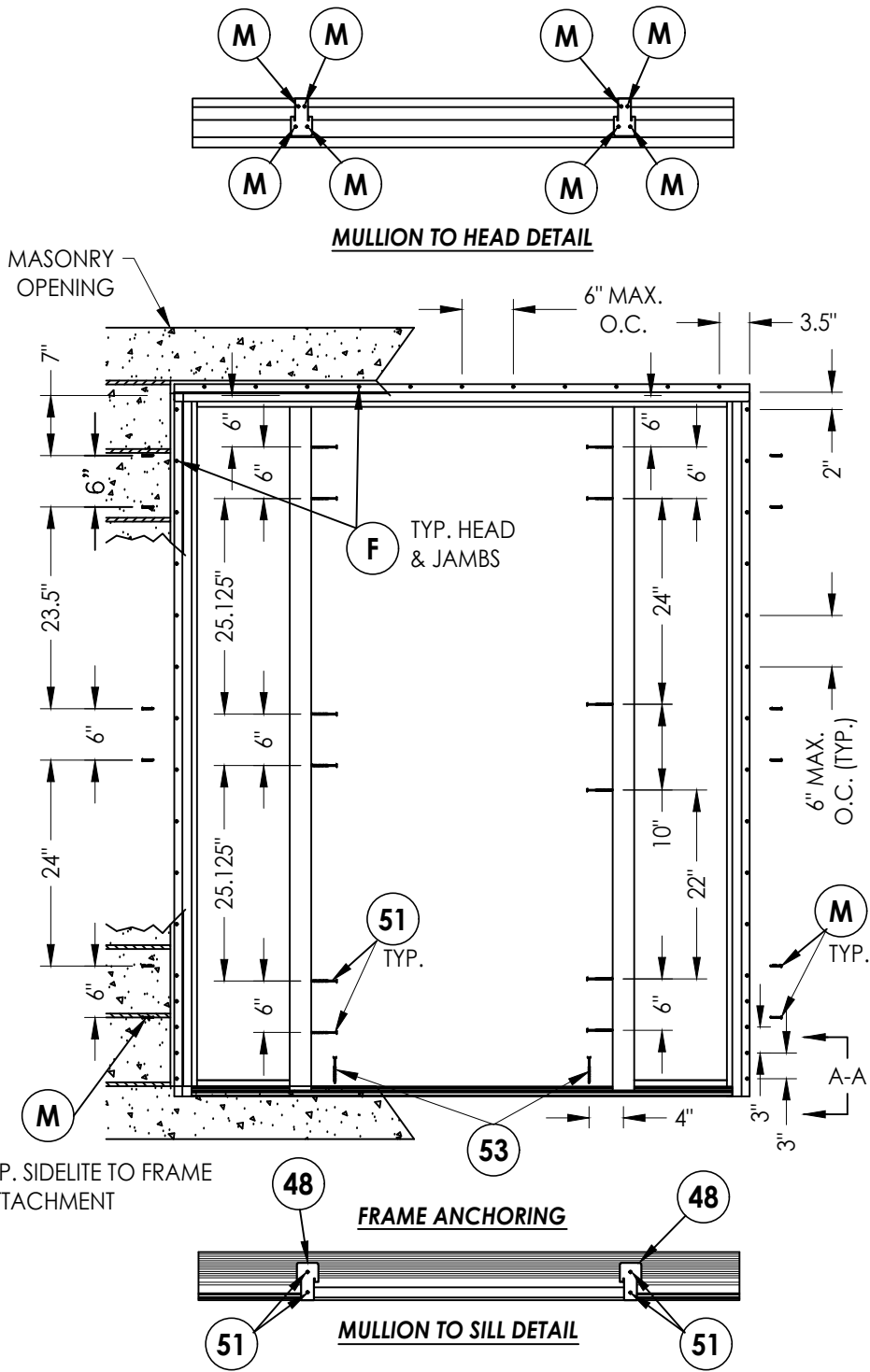
NO.	DATE	REVISIONS			
		LFS	FBC	DAC	BY
5	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
4	7/06/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
3	8/11/20	UPDATE TO 7TH ED.	(2020)	FBC	DAC
2	9/29/17	UPDATE TO 6TH ED.	(2017)	FBC	LFS
1	3/23/15	UPDATE TO 5TH ED.	(2014)	FBC	JK

DATE: 03/14/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15362.5
SHEET 10 OF 13

PRODUCT: DUNBARTON
ACHIEVER STEEL FRAME SYSTEM
PART OR ASSEMBLY:
BUCK ANCHORING

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg



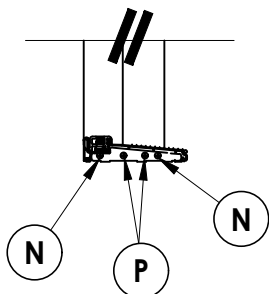
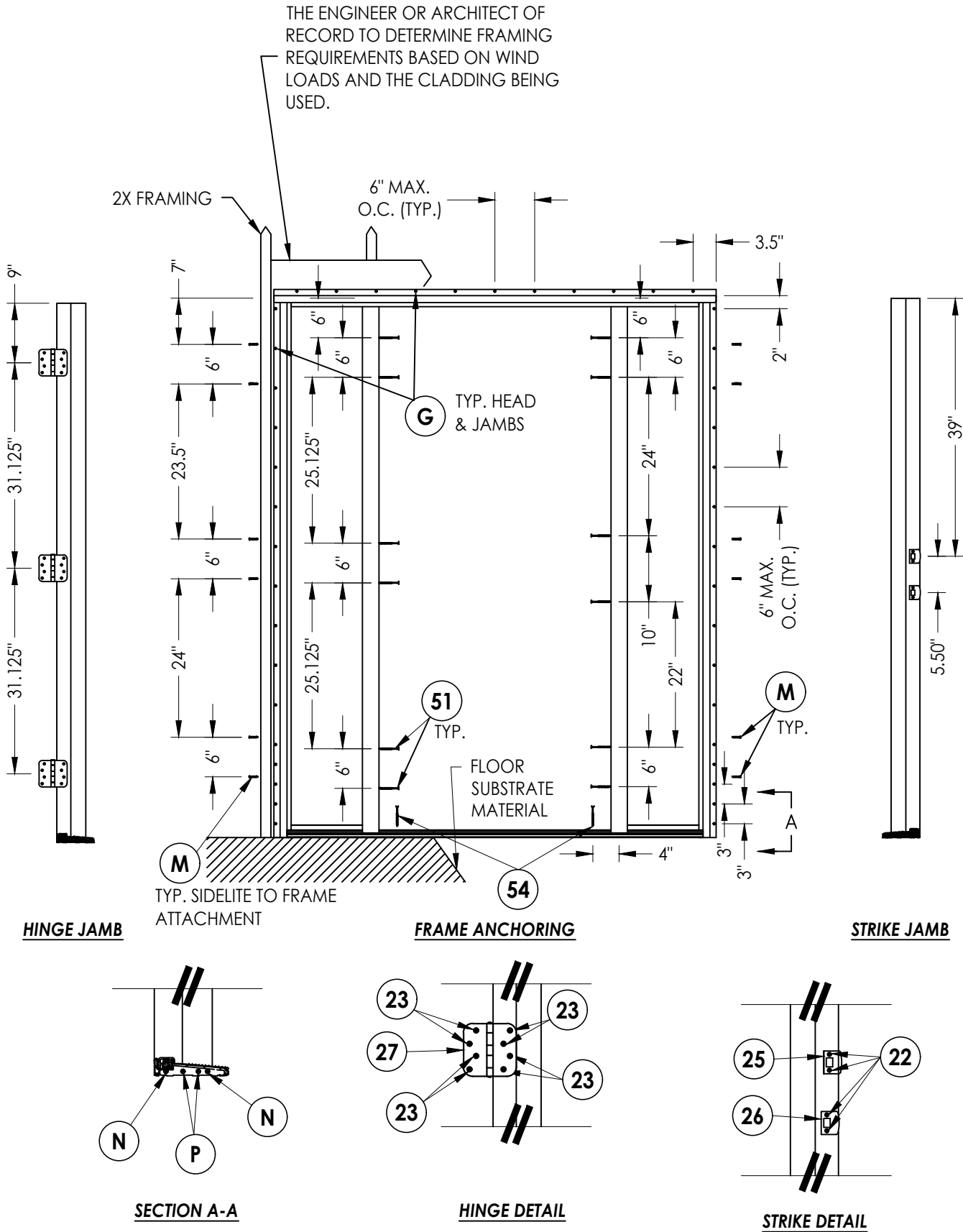
CONCRETE ANCHOR NOTES:

1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
2. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints. If concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimensions are not exceeded.
3. Concrete anchor table:

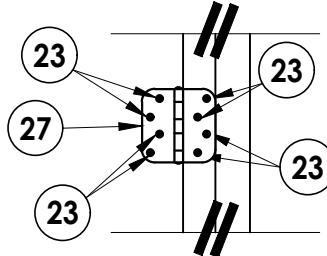
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
DeWALT ULTRACON®	5/16"	1-1/4"	3-1/8"	5"

WOOD SCREW INSTALLATION NOTES:

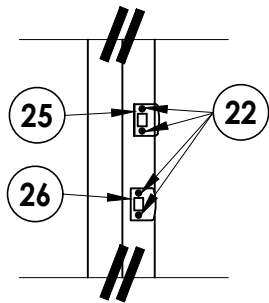
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



SECTION A-A



HINGE DETAIL



STRIKE DETAIL

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT: DUNBARTON
ACHIEVER STEEL FRAME SYSTEM

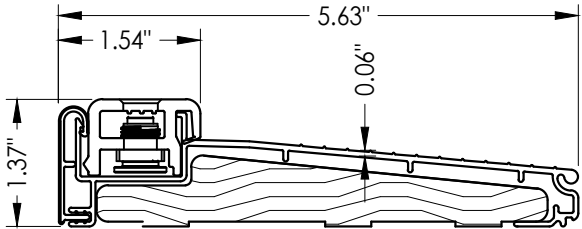
NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC
3	8/11/20	UPDATE TO 7TH ED. (2020) FBC
2	9/29/17	UPDATE TO 6TH ED. (2017) FBC
1	3/23/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 03/14/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15362.5
SHEET 12 OF 13

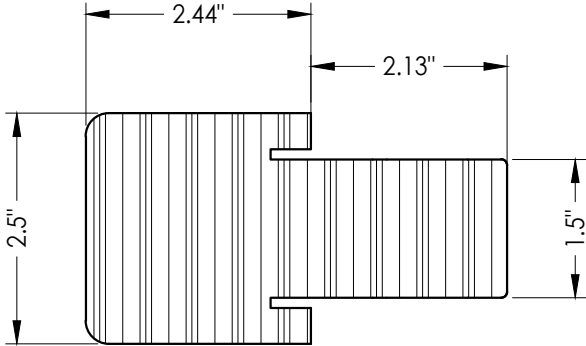
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

G:\2023 FBC Drawings 1.26.26\Dunbarton Corp\FL-15362 R5 Achiever\FL-15362.1-6.dwg

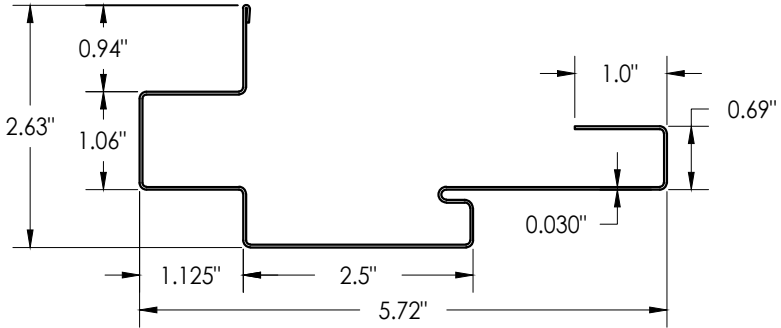
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	2X BUCK SG >= 0.55	WOOD
B	1/4" MAX. SHIM SPACE	-
C	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 1" PPH SCREW (7/8" MIN. EMBEDMENT)	STEEL
G	#8 X 1-1/2" PPH SCREW (7/8" MIN. EMBEDMENT)	STEEL
J	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
M	#8 X 1-1/4" PPH SCREW	STEEL
N	#10 X 2-1/2" PPH WOOD SCREW	STEEL
P	#8 X 1-1/4" PPH SCREW	STEEL
20	SEALANT	SILICONE
22	#7 X 3/4" PFH SCREW	STEEL
23	#9 X 3/4" PFH WOOD SCREW	STEEL
25	DEADBOLT STRIKE PLATE	STEEL
26	LATCH STRIKE PLATE	STEEL
27	HINGE	STEEL
28	WEATHERSTRIP	FOAM
29	FRAME	STEEL
41	INSWING THRESHOLD	ALUM./WOOD
48	MULLION PAD SPACER	PVC
49	MULLION CAP	STEEL
50	MULLION	LVL
51	#10 X 3" PFH WS	STEEL
52	INSWING SIDELITE SPACER	PVC
53	5/16" X 2-1/4" DeWALT CONCRETE SCREW	STEEL
54	#12 X 2" PFH WOOD SCREW	STEEL



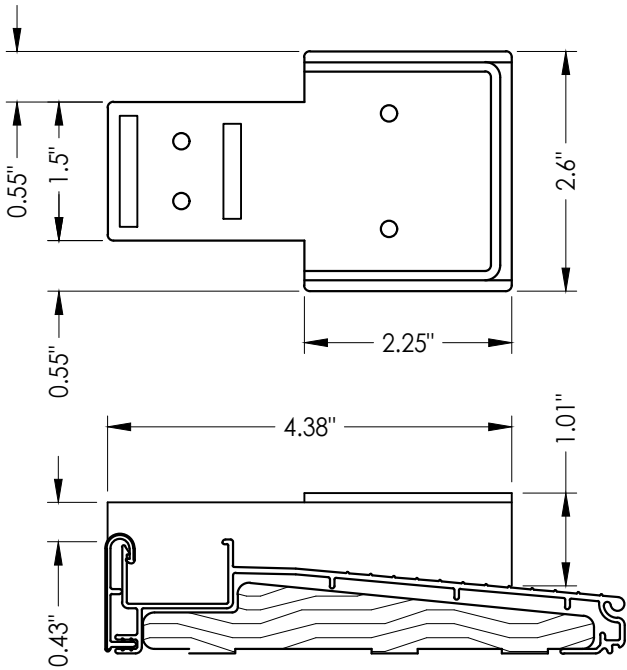
41 INSWING THRESHOLD



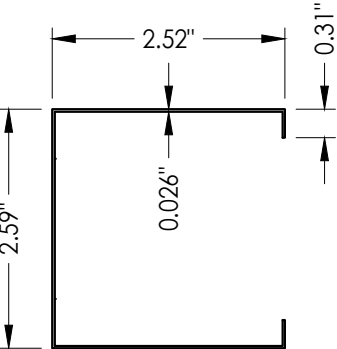
50 MULLION



29 FRAME



48 MULLION PAD SPACER



49 MULLION CAP

NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC
3	8/11/20	UPDATE TO 7th ED. (2020) FBC
2	9/29/17	UPDATE TO 6TH ED. (2017) FBC
1	3/23/15	UPDATE TO 5TH ED. (2014) FBC
NO.	DATE	BY

DATE: 03/14/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15362.5

SHEET 13 OF 13

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

PRODUCT: DUNBARTON
ACHIEVER STEEL FRAME SYSTEM

PART OR ASSEMBLY:
BILL OF MATERIALS
AND COMPONENTS

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813